

ABSTRACT

5 A high efficacy antiperspirant/deodorant stick product may be made by combining (a) 30-70% volatile cyclomethicone; (b) 10-25% of an antiperspirant active; (c) 1-15% of an emollient; (d) 1-14% of polyethylene comprising one or more members selected from the group consisting of homopolymers and copolymers of polyethylene wherein the polyethylene (i) is at least 90% linear; (ii) has a molecular weight in the range of 300-3000 (especially 300-1000 and more especially 300-500); (iii) has a melting point in the range of 50-129 degrees C; and (iv) has a polymer backbone of
10 $\text{CH}_3\text{CH}_2-(\text{CH}_2-\text{CH}_2)_n-\text{H}$, where n is an average number and is selected to be in the range of 10-106; (e) 0.3-7% of a wax as a co-gellant with the polyethylene wherein the wax has a melting point in the range of 40-97 degrees C; provided that the ratio of wax:polyethylene is in the range of 1:1-1:10.

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